

### Abstract

There is provided a method and a device for measuring wheel alignment of an automobile that can quickly and precisely measure wheel alignment of the automobile without applying the same load to a wheel installation portion as that applied thereto in a finished vehicle state to improve productivity and can quickly reflect the result of wheel alignment measurement in a process of assembly of a suspension unit to the automobile. An automobile body 2 is supported in such a manner that a wheel installation portion 5 can be lifted and lowered, and the wheel installation portion 5 is lifted to a predetermined vertical position. During lift, a position of the wheel installation portion 5 and the toe angle and camber angle thereof at the position are measured. The toe angle and the camber angle are corrected based on a thrust angle and an attitude angle. From the corrected toe angle and camber angle, the toe angle and the camber angle of the wheel installation portion 5 at the position thereof in the finished vehicle state of the automobile are calculated.